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3 U.S.P

UTILITY PATENT APPLICATION TRANSMITTAL (Small Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. 9149/2/1

Total Pages in this Submission

97 U.S.P

TO THE COMMISSIONER FOR PATENTS

Mail Stop Patent Application P.O. Box 1450 Alexandria, VA 22313-1450

					Alexandria, V	A 22313-1450)	5
	•		filing under 35	U.S	.C. 111(a) and 3	7 C.F.R. 1.53	(b) is a new utility patent ap	plication for an
invention e High Co			With Low Mi	inimu	ım Curing Tempe	eratures		
		·						
and invente	.							
Brian F.	Cona	ghan, Pau	ıl H. Kydd, an	id Da	vid L. Richard			
If a CONT	INUA	TION AP	PLICATION,	chec	k appropriate bo	x and supply	the requisite information:	
☐ Cont	☐ Continuation ☐ Divisional ☒				Continuation-i	n-part (CIP)	of prior application No.:	10/354,154
Which is a								
☐ Conti		on 🗆	Divisional		Continuation-i	n-part (CIP)	of prior application No.:	
Which is a		on 🗆	Divisional		Continuation i	n nort (CIP)	of prior application No.:	• .
		o	Divisional	_	Continuation-	ii-part (CIP)	or prior application No	
Enclosed a	are:				Application	Elements		
1 🗀	- :::	_						
1. 📙	Filing	g ree as o	caiculated and	trar	nsmitted as desc	ribed below		
2. Specification having pages and including the following:								
a.	\boxtimes	Descript	ive Title of the	e Inve	ention			
b.	\boxtimes	☑ Cross References to Related Applications (if applicable)						
c.	c. Statement Regarding Federally-sponsored Research/Development (if applicable)							
d.		Referen	ce to Sequen	ce Lis	sting, a Table, or	a Computer I	Program Listing Appendix	
e.	×	Backgro	und of the Inv	entio	n			
f.	×	Brief Summary of the Invention						
g.	\boxtimes	Brief De	scription of th	e Dra	awings (if filed)			
h.	\boxtimes	Detailed	Description					
i.	×	Claim(s)	as Classified	Belo	ow .			
j.	×	Abstract	of the Disclos	sure				

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Total Pages in this Submission 42

Application Elements (Continued)

3.	\boxtimes	Drawing(s) (when necessary as prescribed by 35 USC 113)										
	a.	☐ Formal Number of Sheets										
	b.	☑ Informal Number of Sheets 8										
4.		Oath or Declaration										
	a.	☐ Newly executed (original or copy) ☐ Unexecuted										
	b.	☐ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)										
	C.	☐ With Power of Attorney ☐ Without Power of Attorney										
	d.	☐ <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).										
5.		Incorporation By Reference (usable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.										
6.		CD ROM or CD-R in duplicate, large table or Computer Program (Appendix)										
7. 8.		Application Data Sheet (See 37 CFR 1.76) Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)										
	a.	□ Computer Readable Form (CFR)										
	b.	□ Specification Sequence Listing on:										
		i. CD-ROM or CD-R (2 copies); or										
		ii. 🔲 Paper										
	c.	☐ Statement(s) Verifying Identical Paper and Computer Readable Copy										
		Accompanying Application Parts										
9.		Assignment Papers (cover sheet & document(s))										
10.		37 CFR 3.73(B) Statement (when there is an assignee)										
11.		English Translation Document (if applicable)										
12.		Information Disclosure Statement/PTO-1449 Copies of IDS Citations										
13.		Preliminary Amendment										
14.	\boxtimes	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)										
15.		Certified Copy of Priority Document(s) (if foreign priority is claimed)										
16.	\boxtimes	Certificate of Mailing										
		☐ First Class ☑ Express Mail (Specify Label No.): EV335727154US										

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Total Pages in this Submission 42

	Accompanying Application Parts (Continued)						
17.	X	Applicant claims small entity status. See 37 CFR 1.27.					
		☐ (Optional) Small Entity Statement(s) - Specify Number of Statements Submitted:					
18.		Additional Enclosures (please identify below):					
		Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)					
19.		Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.					
		Warning					
	•	An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.					

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Fee Calculation and Transmittal

CLAIMS AS FILED For #Filed #Allowed #Extra Rate Fee **Total Claims** \$378.00 62 - 20 = 42 \$9.00 6 \$43.00 Indep. Claims - 3 = 3 \$129.00 х Multiple Dependent Claims (check if applicable) \$0.00 **BASIC FEE** \$385.00 OTHER FEE (specify purpose) \$0.00 **TOTAL FILING FEE** \$892.00 ☐ A check in the amount of to cover the filing fee is enclosed. ☐ The Director is hereby authorized to charge and credit Deposit Account No. as described below. ☐ Charge the amount of as filing fee. ☐ Credit any overpayment. ☐ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17. ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b). Dated: Signature Michael R. Friscia Registration No. 33,884 Wolff & Samson PC **One Boland Drive** West Orange, NJ 07052 Tel: (973) 530-2024 cc: Fax: (973) 530-2224

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Re:

Our file:

9149/2/1

Applicant:

Brian F. Conaghan, Paul H. Kydd, and David L. Richard

Serial No.: Filing Date:

Title:

High Conductivity Inks with Low Minimum Curing Temperatures

Sir:

Enclosed for filing in the United States Patent and Trademark Office is the following:

- 1. Patent Application (28 pages)
- 2. **Utility Patent Application Transmittal**
- 3. Drawings, FIG. 1-8 (8 pages)
- 4. Transmittal Sheet
- Postcard Receipt 5.

CONDITIONAL PETITION

If any extension of time is required for the submission of the above-identified items, Applicant requests that this be considered a petition therefor. Please charge any additional charges or any other charges relating to this matter to deposit account of the writer, Account No.

06-2143. A duplicate copy of this letter is enclosed.

Respectfully submitted,

enc.

Michael R. Friscia

Registration No. 33,884 Wolff & Samson, P.C.

One Boland Drive

West Orange, NJ 07052

Tel: (973) 530-2024 Fax: (973) 530-2224

I hereby certify that this correspondence is being deposited with the United States Postal Service, postage prepaid, as "Express Mail Post Office to Addressee," Mailing Label No. EV335727154US Mail Patent Application, Commissioner for Patents, P.O. Box 1450,

Alexandria, VA 22313-1450 on 1/26/04

Janelle Fava